

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	4530	(image reader)and apparatus	US-PGPUB; USPAT	ADJ	ON	2007/06/25 09:56
S4	38	(image reader apparatus)and (Optical)	US-PGPUB; USPAT	ADJ	ON	2007/07/03 08:50
S5	2	(358/496)and(image reader apparatus)and (Optical)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 11:03
S6	25	(Murakami Ayumu).in.	US-PGPUB; USPAT	ADJ	ON	2007/07/11 09:52
S7	2	(358/496)and(image reader apparatus)and (Optical)and py<="2002"	US-PGPUB; USPAT	ADJ	ON	2007/07/10 08:31
S8	2	(358/496)and(image reader apparatus)and (Optical)and ad>"20021001"	US-PGPUB; USPAT	ADJ	ON	2007/07/03 08:55
S9	2	(358/496)and(image reader apparatus)and (Optical)and py<"2002"	US-PGPUB; USPAT	ADJ	ON	2007/07/03 08:56
S11	2	(358/496 and py<"2002")and(image reader apparatus)and (Optical)	US-PGPUB; USPAT	ADJ	ON	2007/07/03 09:12
S12	2	(358/496 and ay>="2002")and(image reader apparatus)and (Optical)	US-PGPUB; USPAT	ADJ	ON	2007/07/03 10:37
S13	3	(399/221 and ay>="2002")and(image reader apparatus)and (Optical)	US-PGPUB; USPAT	ADJ	ON	2007/07/03 10:38
S15	1	(358/496)and(image reader apparatus)and (Sliding member)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 11:29
S22	2	(358/496)and(image reader apparatus)and (Optical)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 11:34
S23	2	(358/496)and(image reader apparatus)and (light)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 11:42
S24	2	(358/496)and(image reader apparatus)and (Optical system)	US-PGPUB; USPAT	ADJ	ON	2007/07/11 15:11
S25	1	(358/496)and(image reader apparatus)and (guide rail)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 12:31
S26	1	(Murakami Ayumu).in. and (guide member)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 11:57
S27	2	(358/474)and(image reader apparatus)and (guide rail)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 12:40
S29	3	(358/474)and(image reader apparatus)and (guide)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 13:13

## EAST Search History

S30	1	(358/474)and(image reader apparatus)and (Sliding member)	US-PGPUB; USPAT	ADJ	ON	2007/07/09 11:08
S31	3	(358/474)and(image reader apparatus)and (guide)	US-PGPUB; USPAT	ADJ	ON	2007/07/09 11:26
S35	8	(358/496)and(Optical)and (Sliding member)	US-PGPUB; USPAT	ADJ	ON	2007/07/09 12:47
S36	0	(358/497)and(image reader apparatus) and (Optical) and (sliding member)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 16:33
S39	0	(image reader apparatus) and (Optical) (slidingadjmember)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 16:35
S40	4	(358/474)and(image reader apparatus)and (adjust\$4)	US-PGPUB; USPAT	ADJ	ON	2007/07/05 17:07
S42	1	(358/474)and(image reader apparatus)and (adjust\$4 same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/05 17:10
S43	880	(Scanner near image)and (adjust\$4 same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/05 17:15
S44	37	(Scanner near image)same (adjust\$4 same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 07:11
S45	18	(Scanner near image)same (adjust\$4 near5 (sliding or member or shaft))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 06:30
S46	10	(Scanner near image)same (Screw\$4 same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 08:31
S47	7	(Scanner near image)same (Plastic\$4 same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 10:57
S48	19	(Miyauchi-Yasunori).in.	US-PGPUB; USPAT	ADJ	ON	2007/07/06 09:33

## EAST Search History

S49	0	(Scanner near image)same (Plastic\$4 with (deform\$4) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 10:59
S50	0	(Scanner near image)same (Plastic\$4 same (deform\$4) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 11:00
S51	129	(Scanner near image)same ((Screw or portion) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 15:25
S52	1	(Scanner near image)same ((Screw and portion) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 11:01
S53	53426	((image reader apparatus)and (Optical system)or(adjust\$4 with lens))	US-PGPUB; USPAT	ADJ	ON	2007/07/06 11:20
S54	0	((image reader apparatus)and (Optical system) (adjust\$4 with lens))	US-PGPUB; USPAT	ADJ	ON	2007/07/06 11:20
S55	0	((image reader apparatus)and (Optical system)adj(adjust\$4 with lens))	US-PGPUB; USPAT	ADJ	ON	2007/07/06 11:21
S56	3	((image reader apparatus)and (Optical system)and(adjust\$4 with lens))	US-PGPUB; USPAT	ADJ	ON	2007/07/06 11:21
S57	0	(Scanner near image)same (((Screw or portion)same(rotating tool)) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 15:27
S58	129	(Scanner near image)same (((Screw or portion)or(rotating tool)) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 15:28
S59	129	(Scanner near image)same(((Screw or portion)or(rotating tool)and (engag\$4)) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 15:31

## EAST Search History

S60	1	(Scanner near image)same(((Screw and portion)or(rotating tool)and (engag\$4)) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 09:29
S61	0	(Scanner near image)same(((rotating tool)and (engag\$4)) same (sliding or member))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 15:41
S62	1	(250/239)and((image document)or(original manuscript))and(read\$3 scan\$3)	US-PGPUB; USPAT	ADJ	ON	2007/07/09 09:36
S63	2035303	(L18andL2)or(screw\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 09:54
S64	2035303	(358/497)and(L18andL2)or(screw\$3 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 09:55
S65	148930	(358/474)and(image reader apparatus)and (Sliding member)or(plast\$3 same screw)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 11:10
S66	1	(358/474)and(image reader apparatus)and (guide)and (contact member)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 11:28
S67	2239692	(358/474)and(image reader apparatus)and (guide)or(plast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 11:29

## EAST Search History

S68	1	(358/474)and(image reader apparatus)and (guide)and(plast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 11:33
S69	2	(358/496)and(Optical)and (Sliding member)and (Plast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 13:13
S70	1510	(358/496)or(250/239)and(Opt\$4)and (Sliding member)and (Plast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 13:17
S71	1	(358/496/494)or(250/239)and(Opt\$4)and (Sliding member)and (Plast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 13:16
S72	284	(S70)and (screw\$4)	US-PGPUB; USPAT	ADJ	ON	2007/07/09 13:19
S73	89	(S70)and (screw\$4)and(Plast\$3)	US-PGPUB; USPAT	ADJ	ON	2007/07/10 07:30
S74	3	(S70)and(Plast\$3)with(screw\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 14:18
S75	16	(S70)and(Plast\$3)same(screw\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 14:18
S76	1	(S70)and (screw\$4)near(Plast\$3)	US-PGPUB; USPAT	ADJ	ON	2007/07/09 14:37

## EAST Search History

S77	2	(S70)and (screw\$4)near5(Plast\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/09 14:38
S78	2	(358/496)and(image reader apparatus)and (Optical)and (py<"2002")	US-PGPUB; USPAT	ADJ	ON	2007/07/09 15:12
S79	1512	(358/496)or(250/239)and(Opt\$4)an d (Sliding member)and (Plast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 07:31
S80	89	(S79)and (screw\$4)and(Plast\$3)	US-PGPUB; USPAT	ADJ	ON	2007/07/10 07:31
S81	54	(S80)AND(MOLD\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 07:35
S82	38	(S80)AND((PLAST\$4)NEAR4(MOLD\$ 4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 07:40
S83	1	(S80)AND((PLAST\$4)NEAR4(DEFOR M\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 07:41
S84	2	(S80)AND((PLAST\$4)SAME(DEFOR M\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 07:42

## EAST Search History

S85	1	(358/496)and(image reader apparatus)and (Optical)and(guide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 08:58
S86	2	(358/496)and(image reader apparatus)and (Optic\$4)same (move\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 08:59
S87	2	(358/496)and(image reader apparatus)and (Optic\$4)same(move\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 09:03
S88	1	(358/496)and(image reader apparatus)and (Optic\$4)same((move\$4)same(Original))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 09:46
S89	8	(image reader apparatus)and (Optic\$4)same((move\$4)same(Original))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 09:08
S90	1	(358/496)and(image reader apparatus)and ((Optic\$4)same (guid\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 10:09
S91	0	(358/496)and(image reader apparatus)and (slid\$4samescrew\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 10:11

## EAST Search History

S92	0	(358/496)and(image reader apparatus)and (slid\$4withscrew\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 10:11
S93	0	(358/496)and(image reader apparatus)and (slid\$4)with(screw\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 10:11
S94	1	(358/496)and(image reader apparatus)and (slid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 11:01
S95	0	(358/496)and(image reader apparatus)and (slid\$4withguide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 11:02
S96	1	(358/496)and(image reader apparatus)and (slid\$4)with(guide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 13:25
S97	0	(358/496)and(image reader apparatus)and ((slid\$4)with(guide)with(screw\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 11:10
S98	0	(358/496)and(image reader apparatus)and ((slid\$4)same(guide)same(screw\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 11:11



## EAST Search History

S99	0	(image reader apparatus)and ((slid\$4)same(guide)same(screw\$4) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 11:11
S10 0	0	(358/496)and(image reader apparatus)and ((slid\$4)with(screw\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 11:12
S10 1	2	(358/496)and(image reader apparatus)and(screw\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:49
S10 2	0	(358/496)and(image reader apparatus)with(guid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 13:27
S10 3	22	(358/496)and(image reader)with(guid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 14:07
S10 4	0	(358/496)and(image reader)with(guid\$4withscrew\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 14:08
S10 5	0	(358/496)and(image reader)with(guid\$4)with(screw\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 14:08

## EAST Search History

S10 6	1	(358/496)and(image reader)same(guid\$4)same(screw\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:33
S10 7	2	(358/496)and(image reader)same(guid\$4)same(elimina\$ 4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 14:43
S10 8	75	(358/496)and(image reader)same(cont\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 15:04
S10 9	3	(358/496)and(image reader)same(plast\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 15:04
S11 0	0	(358/496)and(image reader)same(guid\$4)same(tipor portion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:33
S11 1	0	(358/496)and(image reader)same(guid\$4)same(tiporend )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:34
S11 2	8909059	(358/496)and(image reader)same(guid\$4)same(tip)or(en d)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:34

## EAST Search History

S11 3	0	(358/496)and(image reader)same(guid\$4)same(tip)and( end)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:35
S11 4	0	(358/496)and(image reader)same(guid\$4)same(tip)same (end)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:35
S11 5	0	(358/496)and(image reader)same(guid\$4)same(tip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:35
S11 6	10	(image reader)same(guid\$4)same(tip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:35
S11 7	2	(image reader)same(guid\$4)same(tip)and( end)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:36
S11 8	0	(image reader)same(guid\$4)same(tipnear\$ 4end)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:36
S11 9	2	(358/496)and(image reader apparatus)and((engag\$4)or(rotat\$4 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/10 16:50
S12 0	1	((Murakami Ayumu).in.) and (plastically deformable))	US-PGPUB; USPAT	ADJ	ON	2007/07/11 15:09

## EAST Search History

S12 1	0	((Murakami Ayumu).in.) and (plastically deformable))(plurality)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/11 15:10
S12 2	1	((Murakami Ayumu).in.) and (plastically deformable))and(plurality)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/11 15:10
S12 3	1	(358/474)and(image reader apparatus)and (adjust\$4 same (sliding or member))	US-PGPUB; USPAT	ADJ	ON	2007/07/11 15:11
S12 4	1	(358/496)and(image reader apparatus)and (Optical system)and(plurality)	US-PGPUB; USPAT	ADJ	ON	2007/07/11 15:12
S12 5	1	(358/496)and(image reader apparatus)and (Optical system)and(plura\$4)	US-PGPUB; USPAT	ADJ	ON	2007/07/11 15:13
S12 6	23	(image reader apparatus)and (Optical system)and(plura\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/11 15:13